

APRIL/MAY 2025

**23PMB21 — MEDICAL , BACTERIOLOGY
AND MYCOLOGY**

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Define normal flora.
2. Short notes on clinical specimens.
3. Define epidemiology.
4. Short notes on clostridium.
5. Define nosocomial infection.
6. What is zoonotic infection?
7. Write any two antifungal agents.
8. Write medical importance of yeast.
9. Sporothrix.
10. What is histoplasma?



SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Write about the normal flora of human body.

Or

- (b) Discuss about antimicrobial susceptibility test.

12. (a) Explain about morphology and cultural characteristics of *Staphylococcus*.

Or

- (b) Explain about Pathogenicity of *Clostridium*,

13. (a) Brief account on lab diagnosis and treatment of *Pseudomonas*.

Or

- (b) Discuss about the *Mycoplasma*.

14. (a) Summarize the superficial mycoses.

Or

- (b) Short notes on mycotoxin.

15. (a) Elaborate the histoplasma and Blastomyces.

Or

- (b) Discuss about immunodiagnostic methods in mycology.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Give a detailed account on collection, transport and storage of clinical specimens.

17. Brief account on *Streptococci*.

18. Explain about morphology, pathogenesis and lab diagnosis of *Vibrio*.

19. Summarize the classification and morphology of fungi.

20. Discuss about fungi causing secondary infections in immunocompromised patients.

